

[DIVERSION DRAFT]

Permittee: The Connecticut Water Company
93 West Main Street
Clinton CT 06413

Attn: Keith Nadeau

Permit No: DIV-201504222
Town: Old Lyme
Project: Hartung Wellfield
Waters: Groundwater

Pursuant to Connecticut General Section 22a-368 the Commissioner of Energy and Environmental Protection (“Commissioner”) hereby grants a permit to the Connecticut Water Company (“the Permittee”) to conduct regulated activities associated with the withdrawal from the Hartung Wellfield. The purpose of said activities is to provide potable water to the Soundview System.

AUTHORIZED ACTIVITY

Specifically, the permittee is authorized to: divert a combined maximum of 0.22 million gallons per day of groundwater from the existing Hartung Wellfield, which consists of Wells 6, 7, 8, 11, 12, 13, 14, OL-1, OL-2, and OL-3.

The activities proposed will impact groundwater.

All activities shall be conducted in accordance with plans entitled: “*Hartung Wellfield Water Diversion Permit Renewal*” prepared by Milone & MacBroom, dated April 17, 2015, revised through May 26, 2015, submitted as a part of the application.

This authorization constitutes the licenses and approvals required by Section 22a-368.

This authorization is subject to and does not derogate any present or future property rights or other rights or powers of the State of Connecticut, conveys no property rights in real estate or material nor any exclusive privileges, and is further subject to any and all public and private rights and to any federal, state, or local laws or regulations pertinent to the property or activity affected thereby.

The permittee's failure to comply with the terms and conditions of this permit shall subject the permittee, including the permittee's agents or contractor(s) to enforcement actions and penalties as provided by law.

This authorization is subject to the following conditions:

CONDITIONS:

1. **Expiration.** This permit shall expire on [25 years].
2. **Construction Commencement and Completion.** If construction of any structures or facilities authorized herein is not completed within three years of issuance of this permit or within such other time as may be provided by this permit, or if any activity authorized herein is not commenced within three years of issuance of this permit or within such other time as may be provided by this permit, this permit shall expire three years after issuance or at the end of such time as may be authorized by the Commissioner.
3. **Notification of Project Initiation.** The permittee shall notify the Commissioner in writing two weeks prior to: initiating the diversion authorized herein.
4. **De minimis Alteration.**

For Water Diversion Permits (CGS 22a-368) - The permittee may not make any alterations, except de minimis alterations, to any structure, facility, or activity authorized by this permit unless the permittee applies for and receives a modification of this permit in accordance with the provisions of section 22a-377(c)-2 of the Regulations of Connecticut State Agencies. Except as authorized by subdivision (5) of section 22a-377(b)-1(a) of the Regulations of Connecticut State Agencies, the permittee may not make any de minimis alterations to any structure, facility, or activity authorized by this permit without written permission from the Commissioner. A de minimis alteration means an alteration which does not significantly increase the quantity of water diverted or significantly change the capacity to divert water.

5. **Maintenance of Structures.** All structures, facilities, or activities constructed, maintained, or conducted pursuant hereto shall be consistent with the terms and conditions of this permit, and any structure, facility or activity not specifically authorized by this permit, or exempted pursuant to section 22a-377 of the General Statutes or section 22a-377(b)-1 of the Regulations of Connecticut State Agencies, or otherwise exempt pursuant to other General Statutes, shall constitute a violation hereof which may result in modification, revocation or suspension of this permit or in the institution of other legal proceedings to enforce its terms and conditions.

Unless the permittee maintains in optimal condition any structures or facilities authorized by this permit, the permittee shall remove such structures and facilities and restore the affected waters to their condition prior to construction of such structures or facilities.

6. **Accuracy of Documentation.** In issuing this permit, the Commissioner has relied on information provided by the permittee. If such information was false, incomplete, or misleading, this permit may be modified, suspended or revoked and the permittee may be subject to any other remedies or penalties provided by law.
7. **Best Management Practices & Notification of Adverse Impact.** In constructing or maintaining any structure or facility or conducting any activity authorized herein, or in removing any such structure or facility under condition 5 hereof, the permittee shall employ best management practices to control storm water discharges, to prevent erosion and sedimentation, and to otherwise prevent pollution of wetlands and other waters of the State. Best Management Practices include, but are not limited, to practices identified in the *Connecticut Guidelines for Soil Erosion and Sediment Control* as revised, 2004 *Connecticut Stormwater Quality Manual*, Department of Transportation's *ConnDOT Drainage Manual* as revised, and the Department of Transportation Standard Specifications as revised.

The permittee shall immediately inform the Commissioner of any adverse impact or hazard to the environment which occurs or is likely to occur as the direct result of the construction, maintenance, or conduct of structures, facilities, or activities authorized herein.

8. **Reporting of Violations.** The permittee shall, no later than 48 hours after the permittee learns of a violation of this permit, report same in writing to the Commissioner. Such report shall contain the following information:
- a. the provision(s) of this permit that has been violated;
 - b. the date and time the violation(s) was first observed and by whom;
 - c. the cause of the violation(s), if known
 - d. if the violation(s) has ceased, the duration of the violation(s) and the exact date(s) and times(s) it was corrected;
 - e. if the violation(s) has not ceased, the anticipated date when it will be corrected;
 - f. steps taken and steps planned to prevent a reoccurrence of the violation(s) and the date(s) such steps were implemented or will be implemented;
 - g. the signatures of the permittee and of the individual(s) responsible for actually preparing such report, each of whom shall certify said report in accordance with condition 12 of this permit.
9. **Material Storage in the Floodplain.** The storage of any materials at the site which are buoyant, hazardous, flammable, explosive, soluble, expansive, radioactive, or which could in the event of a flood be injurious to human, animal or plant life, below the elevation of the five-hundred (500) year flood is prohibited. Any other material or equipment stored at the site below said elevation by the permittee or the permittee's contractor must be firmly anchored, restrained or enclosed to prevent flotation. The

quantity of fuel stored below such elevation for equipment used at the site shall not exceed the quantity of fuel that is expected to be used by such equipment in one day.

10. **Permit Transfer.** This permit is not transferable without the prior written consent of the Commissioner.
11. **Contractor Notification.** The permittee shall give a copy of this permit to the contractor(s) who will be carrying out the activities authorized herein prior to the start of construction and shall receive a written receipt for such copy, signed and dated by such contractor(s). The permittee's contractor(s) shall conduct all operations at the site in full compliance with this permit and, to the extent provided by law, may be held liable for any violation of the terms and conditions of this permit.
12. **Certification of Documents.** Any document, including but not limited to any notice, which is required to be submitted to the Commissioner under this permit shall be signed by the permittee or a responsible corporate officer of the permittee, a general partner of the permittee, and by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows:

“I have personally examined and am familiar with the information submitted in this document and all attachments thereto and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement in the submitted information may be punishable as a criminal offense in accordance with Section 22a-6 of the General Statutes, pursuant to Section 53a-157b and in accordance with any other applicable statute.”
13. **Submission of Documents.** Any document or notice required to be submitted to the Commissioner under this permit shall, unless otherwise specified in writing by the Commissioner, be directed to:

Director, Inland Water Resources Division
Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

The date of submission to the Commissioner of any document required by this permit shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this permit, including but not limited to notice of approval or disapproval on any document or other action, shall be the date such notice is personally delivered or the date three days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in this permit, the word "day" means any calendar

day. Any document or action which is required by this permit to be submitted or performed by a date which falls on a Saturday, Sunday or legal holiday shall be submitted or performed by the next business day thereafter.

14. **Rights.** This permit is subject to and does not derogate any rights or powers of the State of Connecticut, conveys no property rights or exclusive privileges, and is subject to all public and private rights and to all applicable federal, state, and local law. In constructing or maintaining any structure or facility or conducting any activity authorized herein, the permittee may not cause pollution, impairment, or destruction of the air, water, or other natural resources of this State. The issuance of this permit shall not create any presumption that this permit should be renewed.
15. **Meter Monitoring.** The permittee shall monitor the individual totalizing meters on Well numbers 6, 7, 8, 11, 12, 13, 14, OL-1, OL-2, and OL-3 and maintain a record of the amount of water diverted on a daily basis from each individual well. A copy of the daily record of withdrawals shall be included in the Annual Report to the Commissioner required by Special Condition #20 of this permit.
16. **Meter Calibration and Reporting.** The permittee shall annually test the totalizing meters for Well numbers 6, 7, 8, 11, 12, 13, 14, OL-1, OL-2, and OL-3 and calibrate to within two percent accuracy as shown through a post-calibration test. A copy of the accuracy test and calibration shall be included in the Annual Report to the Commissioner required by Special Condition #26 of this permit.
17. **Leak Detection.** Every five years, based upon the schedule below, the permittee shall conduct a system wide comprehensive leak detection survey of the water distribution system and repair any leaks found. The leak detection survey shall follow standards and criteria contained within AWWA Manual M36 as may be amended or revised. No later than January 30, of the following year, the permittee shall report to the Commissioner all actions taken pursuant to the leak detection survey, including the number of mile of main surveyed, survey techniques and methodology, leaks found and repairs made. The permittee shall undertake such leak detection surveys on or before November 1, 2018, and November 1, 2023 and continuing as such. Such report shall be signed by the permittee and the individual(s) responsible for actually preparing such record, each of whom shall certify in writing in accordance with Condition #12.
18. **Long-range Water Conservation Plan.** The permittee shall implement its Long-range Water Conservation Plan, as described in the permittee's application and in accordance with the permittee's Water Supply Plan as approved pursuant to CGS Section 25-32d and any amendments or updates thereto. The permittee shall maintain a summary of all actions taken each year pursuant to the Long-range Water Conservation Plan and a description of the estimated or actual water savings achieved. A copy of this summary shall be included in the Annual Report to the Commissioner required by Condition #20 of

this permit.

- 19. Record Keeping Requirements.** Except as provided below, or as otherwise specified in writing by the commissioner, all information required under this permit shall be retained at the subject site, or be readily available on request. The permittee shall maintain a copy of this permit on site at all times. The permittee shall retain copies of all records and reports required by this permit; and records of all data used to compile these reports for a period of at least ten years from the date such data was generated or report created, whichever is later.
- 20. Annual Reporting.** The permittee shall submit by January 30 of each year, for the duration of this authorization, an Annual Report for the preceding calendar year. The Annual Report shall be certified in accordance with Condition #12 of this permit and shall contain the following:
- a. a copy of the record of meter monitoring as required by Condition #15 of this permit;
 - b. a copy of the record of meter calibration as required by Condition #16 of this permit;
 - c. a copy of the record of long-range water conservation plan as required by Condition #18 of this permit;
 - d. a denotation and explanation of any instances of violation of the authorized withdrawal limitations or any other condition of this authorization as required in Condition #8.

Issued by the Commissioner of Energy and Environmental Protection on:

Date

Michael Sullivan
Deputy Commissioner